|    | Index of Claims                |                     |           |         |            |         |              |                              |             |          |        |              |             | Application No. |             |                     |        |           |        |            |          |           | Applicant(s) |              |           |              |           |           |   |  |
|----|--------------------------------|---------------------|-----------|---------|------------|---------|--------------|------------------------------|-------------|----------|--------|--------------|-------------|-----------------|-------------|---------------------|--------|-----------|--------|------------|----------|-----------|--------------|--------------|-----------|--------------|-----------|-----------|---|--|
|    |                                |                     |           |         |            |         |              |                              |             |          |        |              | 10/796,980  |                 |             |                     |        |           |        |            |          |           | PARK ET AL.  |              |           |              |           |           |   |  |
|    |                                |                     |           |         |            |         |              |                              |             |          |        |              | Examiner    |                 |             |                     |        |           |        |            |          |           | Art Unit     |              |           |              |           |           |   |  |
|    |                                |                     |           |         |            |         |              |                              |             |          |        |              | T., T., 11. |                 |             |                     |        |           |        |            |          |           |              |              |           |              |           |           |   |  |
|    |                                |                     |           |         |            | 44 (4)  |              | *****                        | <u>''</u>   |          |        |              | Tu-Tu Ho    |                 |             |                     |        |           |        |            |          | 2818      |              |              |           |              |           |           |   |  |
|    |                                |                     | _         |         | _          |         | _            | <del>,</del>                 |             |          |        |              |             | 1               | $\neg$      |                     |        |           |        |            | _        |           | <del></del>  |              |           |              | ٦         |           |   |  |
|    | √ Rejected                     |                     |           | ed      | <i>i</i> [ |         | (            | (Through numera<br>Cancelled |             |          |        | al)          | Н           | N               | Non-Elected |                     |        | A         | Appeal |            |          |           |              |              |           |              |           |           |   |  |
|    |                                | Н                   |           |         | $\dashv$   |         | $\vdash$     | -                            | - Ouncelled |          |        |              |             | $\{\  $         | "           |                     |        |           |        |            |          |           |              |              | ┨         |              |           |           |   |  |
|    |                                | =                   | All       | owe     | d          |         | +            |                              | Restricted  |          |        |              | 1           |                 | ı           | Interfere           |        | ren       | ence   |            | 0        | Objected  |              |              |           |              |           |           |   |  |
|    |                                | ш                   |           |         | لــــا     |         | L.           | L                            |             |          |        |              |             |                 | Ш           |                     |        |           |        |            | Ш        |           |              |              |           |              | J         |           |   |  |
|    | Claim                          |                     | Date      |         |            |         | _            |                              | Claim       |          |        |              |             |                 | ?           |                     |        | Cli       |        | im         |          | Date      |              |              |           |              |           |           |   |  |
|    | _                              | 150                 | 8         | 1       |            |         |              |                              | _           | E        | 펼      |              |             |                 |             | T                   |        | ٦ [       | _      | lai        |          | T         |              |              |           | T            | П         |           |   |  |
|    | Final<br>Original              | 20                  | <b>/</b>  |         | H          |         |              |                              | Final       | Original | П      |              |             |                 | ľ           |                     |        | Ιĺ        | Final  | Original   |          |           | 1            | ı            |           |              |           |           |   |  |
|    |                                | 1 - 1               | Σ         |         | Ш          |         | L            | Ш                            |             |          | Ш      |              |             |                 |             |                     |        | IJ        |        |            |          |           |              |              | 1         |              | $\coprod$ |           |   |  |
|    | 1 (1)                          | Y.                  |           | ╀       | $\vdash$   | +       | ╀            | Н                            | -           | 51<br>52 | ₩      | +            | +           | H               | $\dashv$    | 4                   | +      | }         |        | 101<br>102 | $\dashv$ | 4         | +            | +            | 4         | 1            | $\Box$    | $\Box$    | • |  |
|    | 3 3                            | Н                   | +         | +       | H          | +       | 十            | H                            |             | 53       | Н      | $\dagger$    | +           | Н               |             | 十                   | ╁      | 1 1       |        | 103        | Н        | +         | 十            | +            | $\dagger$ | 十            | +         | $\dashv$  |   |  |
|    |                                | Z                   |           |         | П          | $\top$  | Į            |                              |             | 54       | П      | 1            |             |                 | $\Box$      | $\Box$              | 1      | 1         |        | 104        |          | 1         | 1            | 1            | 1         | I            |           |           |   |  |
|    | 6 5<br>7 6                     | 0                   | -         | ┿       | ┝┤         | +       | ┿            | Н                            | -           | 55<br>56 | ₩      | +            | +           | H               | $\dashv$    | +                   | +-     | {         |        | 105<br>106 | Н        | ╁         | +            | ╁            | +         | +            | ╁┤        | $\dashv$  |   |  |
|    | \$ OD                          |                     |           | 1       |            | 土       |              |                              |             | 57       | 廿      | $\pm$        |             |                 |             | $\pm$               |        | 1         |        | 107        |          | 士         | 土            | $\pm$        | 土         | 士            |           | $\exists$ |   |  |
|    |                                | 1                   |           | $\bot$  |            | - -     | ╀            | Н                            | $\vdash$    | 58<br>59 | Н      | $\downarrow$ | 4           |                 |             | 4                   | 1      | }         |        | 108        |          | 4         | 4            | Ŧ            | 1         | Ļ            |           | Д         |   |  |
|    | 9 01                           | 1                   | ╁         | +-      | $\Box$     | +       | +            | Н                            | -           | 60       | H      | 十            | +-          | Н               | H           | $\dashv$            | ╁      | 1         |        | 109<br>110 | H        | +         | ╁            | +            | ╁         | ╁            | +         | $\dashv$  |   |  |
|    | 1/11                           | O                   |           | 1       | $\square$  |         | Ι            |                              |             | 61       | 口      |              |             |                 |             |                     | 工      | 1         |        | 111        |          | 耳         | 7            | 1            |           | 工            |           |           |   |  |
|    | 12 12<br>19 13                 | 00                  | +         | +       | Н          | +       | ╀            | Н                            | -           | 62<br>63 | Н      | +            | +-          | Н               | Н           | +                   | +-     | 1         |        | 112        | Н        | +         | +            | +            | +         | ╀            | ╁┤        | Н         |   |  |
|    | 14 14                          | V                   |           | †       |            |         | t            | Н                            |             | 64       |        | $\pm$        |             |                 |             |                     | 士      | 1         |        | 114        |          | 1         | 士            | 1            | $\pm$     | 1            |           | $\vdash$  |   |  |
|    | 16 (5                          |                     |           | $\perp$ | П          | 1       | Ļ            | П                            |             | 65       | П      | 7            | $\bot$      |                 | П           | 4                   |        | ] ]       |        | 115        |          | 4         | 4            | $\downarrow$ | +         | 1            | $\Box$    |           | • |  |
|    | 17 16                          |                     | +         | ╁       | ╢          | +       | +            | Н                            | $\vdash$    | 66<br>67 | ╁╾┼    | +            | +           | H               | Н           | $\dashv$            | +      | 1         |        | 116<br>117 | Н        | ┪         | ┽            | ╅            | ┿         | ╁            | ╁┤        | Н         |   |  |
|    | 20 (18                         |                     |           | 丰       | 口          | $\perp$ |              |                              |             | 68       | $\Box$ | #            |             |                 |             | $\Box$              | $\bot$ | 1         |        | 118        |          | $\Box$    | 7            |              | 1         | 1            | $\Box$    | $\square$ |   |  |
|    | 27 20                          | 0                   | H         | ╂       | Н          |         | ╀            | H                            | -           | 69<br>70 | ╂╌╂    | +            | +-          | ├               | Н           | $\dashv$            |        | 1         |        | 119<br>120 | Н        | +         | +            | +            | +         | +            | +         | Н         |   |  |
| 19 | 21                             | ठा                  | 士         | 士       |            | 土       | İ            | 口                            |             | 71       | П      | 士            | 土           |                 |             | 士                   | Ė      | 1         |        | 121        |          | I         | 1            | 士            | 土         | 1            |           |           | • |  |
| 15 | 22                             |                     | $\vdash$  | $\bot$  | $\square$  |         | +            | Н                            |             | 72<br>73 | H      | 4            | +           | H               | Н           | 4                   |        | 1         |        | 122<br>123 | Н        | 4         | +            | +            | +         | +            | +         | Н         |   |  |
| 19 | 23<br>23 <b>23</b>             | =                   | $\forall$ | +       | Н          | +       | ╁            | H                            | -           | 74       |        | 十            | $\pm$       |                 |             | 7                   |        | 1         |        | 124        | Н        | $\exists$ | 1            | $^{\dagger}$ | $\dagger$ | $\pm$        | $\pm 1$   | Н         |   |  |
|    | 24 25                          |                     |           | I       |            | I       | Ţ            |                              |             | 75       |        |              |             |                 |             | $\rightrightarrows$ | 工      | ]         |        | 125        | П        | $\Box$    | 7            | $\bot$       | ŀ         | Ţ            |           |           |   |  |
|    | 7 26<br>· 27                   | H                   | ╁         | ╁       | H          | +       | +            | Н                            | -           | 76<br>77 | Η      | ┽            | ╁           | H               | Н           | $\dashv$            | ┿      | 1         |        | 126<br>127 | Н        | +         | +            | +            | ╁         | +            | ╁┤        | Н         | • |  |
| •  | 28                             | 芷                   |           | 工       | 口          |         |              | 口                            |             | 78       | 口      |              | 士           |                 |             | ゴ                   |        | 1         |        | 128        |          | 1         |              |              | I         |              |           |           |   |  |
|    | 29                             | #                   | Н         | -       | $\vdash$   | -       | ╀            | Н                            | -           | 79       | Н      | +            | ╄           | H               | Н           | +                   | +      | -         |        | 129<br>130 | Н        | -         | +            | +            | +         | ╀            | +         | Н         |   |  |
|    | 30                             | $^{\dagger\dagger}$ |           | +       | Н          | +       | t            | H                            | -           | 80       | H      | $\top$       | 1           |                 |             |                     | 士      | 1         |        | 131        | $\Box$   | 7         | +            | 士            | $\dagger$ | $^{\dagger}$ | T         | H         |   |  |
|    | 32                             | $\prod$             | $\Box$    | Ţ       |            |         | L            |                              |             | 82       | П      | $\downarrow$ | Ŧ           |                 | П           | $\dashv$            | Ţ      | ]         |        | 132        | $\Box$   | $\dashv$  | $\downarrow$ | Ŧ            | Ŧ         | Ţ            |           |           |   |  |
|    | 33<br>34                       | #                   | +         | +       | Н          | +       | ╁            | Н                            | -           | 83       | ╁      | +            | +-          | $\vdash$        | Н           | $\dashv$            | +      | 1         |        | 133        | Н        | ╅         | +            | ╁            | ╁         | ┿            | ╁┤        | Н         |   |  |
|    | 35                             | $\prod$             |           | 工       |            | 工       | I            |                              |             | 85       |        |              |             |                 |             | 1                   |        | 1         |        | 135        |          |           |              | 士            |           | I            | $\Box$    |           |   |  |
|    | 36<br>37                       |                     | 4         | +-      | ┦          | +       | ╄            | $\vdash$                     | -           | 86<br>87 | ╀      | +            | +           | ├               | H           | +                   | +      | 1         |        | 136        | Н        | +         | +            | +            | +         | ╀            | +         | Н         |   |  |
|    | . (38                          | ď                   | $\Box$    | +-      |            | $\top$  | <del> </del> | $\Box$                       |             | 88       |        | $\top$       | +           | -               | H           | $\dashv$            | 十      | 1         |        | 138        | Н        | +         | $\dagger$    | $\dagger$    | 十         | +            | H         | Н         |   |  |
| _  | <sup>7</sup> / <sub>2</sub> 39 | $\Box$              | $\Box$    | $\bot$  | П          | 1       | L            | П                            |             | 89       | П      | $\bot$       | Τ.          |                 | П           | 7                   | Ţ      | ]         |        | 139        | П        | $\dashv$  | 7            | Ţ            | Ţ         | Ŧ            | $\Box$    | $\Box$    |   |  |
| 5. | 40                             | ╁                   | +         | ┿       | ┨          | +       | ╁            | Н                            | $\vdash$    | 90<br>91 | H      | +            | +           | ┝               | Н           | $\dashv$            | ╅      | 1         |        | 140        | Н        | +         | +            | +            | ╁         | ╁            | ╁┤        | Н         |   |  |
|    | 42                             |                     |           | 工       | 口          | $\bot$  | T            |                              |             | 92       | 口      | $\downarrow$ | 丰           |                 | 口           | #                   | 工      | 1         |        | 142        | 口        | コ         | $\downarrow$ | $\downarrow$ | 土         | 1            | 口         | 口         |   |  |
|    | 43                             | $\vdash$            | +         | +       | ┦          | +       | +            | H                            | -           | 93       | ╂╌┤    | +            | +-          | $\vdash$        | Н           | $\dashv$            | +-     | $\{ \mid$ |        | 143        | Н        | +         | +            | +            | +         | +            | +         | dash      |   |  |
|    | 45                             | $\Box$              | 士         | 工       | 口          | 士       | 上            | 口                            |             | 95       | Ħ      | 士            | 士           |                 | H           | 士                   | 士      | 1         |        | 145        |          | _         | 士            | 士            | $\dagger$ | 十            | _         | Н         |   |  |
|    | 46                             | F                   | oxdot     | $\perp$ |            | $\bot$  | F            | $\Box$                       |             | 96<br>97 | П      | 4            | $\mp$       | F               | П           | $\Box$              | Ŧ      | ]         |        | 146        |          | $\exists$ | 1            | 7            | 1         | 1            | $\Box$    | 口         |   |  |
|    | 48                             | $\vdash$            | 士         | 士       | H          | 士       | 士            | $\Box$                       |             | 98       |        | $\pm$        | _           |                 | ┟┤          | _                   | +      | 1         |        | 147<br>148 | Н        | $\dashv$  | +            | +            | +         | +            | +         | Н         |   |  |
|    | 49                             |                     | $\Box$    | Ŧ       | П          | $\bot$  | F            | $\Box$                       |             | 99       | П      | 7            | T           | Г               |             | $\Box$              | 1      |           |        | 149        |          | コ         | 1            | 1            | #         | 1            | $\Box$    | 口         | • |  |
|    | 50                             | Щ.                  | ш         | Щ.      | ᄔ          | L       | Ц.,          | لـــا                        | L           | 100      |        |              |             | _               | Ш           |                     |        | J         | لـــا  | 150        | ╙        | ىل        | Щ.           |              |           | ┸            | $\perp$   | Ш         |   |  |